

Permatex, Inc.
10 Columbus Blvd.
Hartford, CT 06106 USA
Telephone: 1-87-Permatex
(877) 376-2839
Emergency: 800-255-3924

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: NAVAL JELLY RUST REMOVER 1QT
Item No: 81287
Product Type: Rust dissolver

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
Water 7732-18-5	60-70	Not Listed	Not Listed
~PHOSPHORIC ACID ... %~ 7664-38-2	20-30	1 mg/m ³ TWA	1 mg/m ³ TWA
2-PROPANOL 67-63-0	1-10	400 ppm TWA; 983 mg/m ³ TWA	400 ppm TWA
SILICON DIOXIDE, AMORPHOUS 112945-52-5	0.1-1.0	10 mg/m ³ TWA	6 mg/m ³ TWA

3. HAZARDS IDENTIFICATION

Toxicity: May cause eye, skin and respiratory irritation. Toxic by ingestion.
Primary Routes of Entry: Eye and skin contact, ingestion, inhalation.
Signs and Symptoms of Exposure: Overexposure may cause eye and skin redness. May be injurious to eyes, skin, mucous membranes and lungs.

Ingredients	Percent	NTP:	ACGIH Carcinogens	IARC:
SILICON DIOXIDE, AMORPHOUS 112945-52-5	0.1-1.0	Not listed	Not listed	Amorphous Silica, Group 3: Vol. 68: 1997

Medical Conditions Recognized as Being Aggravated by Exposure: Persons with respiratory problems such as emphysema and asthma should avoid inhalation.

4. FIRST AID MEASURES

Ingestion: If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point (°F/C): None - aqueous
Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus.
Hazardous Products Formed by Fire or Thermal Decomposition: Oxides of phosphorus. Hydrogen
Unusual Fire/Explosion Hazards: Extinguish all nearby sources of ignition since flammable hydrocarbon gas will be liberated from contact with some metals (aluminum, magnesium and others).
Lower Explosive Limit: Not determined
Upper Explosive Limit: Not determined

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Neutralize with alkaline material such as soda ash or lime. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

7. HANDLING AND STORAGE

Storage: Store below 100 degrees F. Do not allow freezing.
Handling: Avoid contact with skin and eyes. Do not inhale vapors. Wash hands before eating and smoking.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
Skin: Rubber or plastic gloves
Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits during the use of this product.
Respiratory Protection: An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pink gel
Odor: Lime
Boiling Point (°F): Approximately 212 degrees F.
pH: 1.5-2.5
Solubility in Water: SOLUBLE
Specific Gravity: 1.18
VOC Content(Wt.%): 24.4% by weight
Vapor Pressure: Low
Vapor Density (Air=1): Not determined
Evaporation Rate: Not Determined

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions
Hazardous Polymerization: WILL NOT OCCUR
Incompatibilities: Caustics and powdered metals.
Conditions to Avoid: High temperatures.
Hazardous Products Formed by Fire or Thermal Decomposition: Oxides of phosphorus. Hydrogen

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations.
US EPA Waste Number: D002 as per 40CFR 261.22

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Domestic Ground Transport

DOT Shipping Name: CONSUMER COMMODITY
Hazard Class: ORM-D
UN/ID Number: None
Marine Pollutant: None

IATA

Proper Shipping Name: Corrosive liquid, acidic, inorganic, n.o.s., (Phosphoric acid)
Class or Division: Class 8, Packing Group III
UN/NA Number: UN3264

IMDG

Proper Shipping: Corrosive liquids, acidic, inorganic, n.o.s., (Phosphoric acid), Limited Quantity
Hazard Class: Class 8 PGIII
UN Number: UN 3264

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

SARA 313 Information

SULFURIC ACID, PHOSPHORIC ACID

CALIFORNIA PROP 65:

WARNING: This product contains a chemical known to the State of California to cause cancer.

TSCA Inventory Status:

Listed on Inventory: **YES** All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 3, FLAMMABILITY 0, REACTIVITY 0

Estimated HMIS Classification: HEALTH 3, FLAMMABILITY 0, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

Prepared By: Denise Boyd, Health and Safety Manager
Company: Permatex, Inc. 10 Columbus Blvd. Hartford, CT USA
06106

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Telephone Number: 1-87-Permatex (877) 376-2839